

# Heating Bath

## General type



## Representative water bath with advanced features and specifications.

### Structural Functional Features

- Drain valve for easy draining of bath solution. (except for BW3-05G model)
- Convenient structure for sample handling with device control part located on the inside.
- Convenient for carrying and moving with handles on the left and right sides.
- The internal bath is integral structure. It is made of stainless steel and has excellent durability.
- Compact design for excellent space utilization.

### Use Convenience Features

- Clear VFD panel for clear information display.
- Microprocessor PID method for precise temperature control.
- Optimized temperature control with temperature auto-tuning.
- 3-point calibration function minimizes temperature difference.
- Wait On/Off timer. (up to 999 hours 59 minutes)
- Save and use 3 frequently used temperatures.
- Automatic restart of operation when power is restored after sudden power failure.

### Outstanding Safety

- Top-rated overheating prevention system. (registration KR 10-0397583)
- Over temperature limit function.
- Safe structure in which the heater, sensor, and pump inside the bath are separated by covering plates.
- Malfunction prevented by controller lock function.
- Self-diagnosis function to check abnormal condition of temperature sensor.



BW3-05G



Larger and brighter clear VFD panels intuitively provide device operation information.

## Specification

Model		BW3-05G	BW3-10G	BW3-20G
Bath volume (L / cu ft)		3.5 / 0.1	11.5 / 0.4	20 / 0.7
Temperature	Working temp. range (°C / °F)	Amb. +7 to 100 / Amb. +12.6 to 212	Amb. +7 to 100 / Amb. +12.6 to 212	Amb. +7 to 100 / Amb. +12.6 to 212
	Temp. stability at 50°C (±°C / °F)	0.4 / 0.72	0.3 / 0.54	0.3 / 0.54
	Heat up time to 70°C (min)	34	36	44
Dimension	Bath opening / depth (W x L, D) (mm / inch)	240 x 136, 150 / 9.4 x 5.4, 5.9	300 x 240, 200 / 11.8 x 9.5, 7.9	498 x 300, 200 / 19.6 x 11.8, 7.9
	Exterior (W x L x H) (mm / inch)	307 x 200 x 264 / 12.1 x 7.9 x 10.4	360 x 300 x 294 / 14.2 x 11.8 x 11.6	564 x 356 x 294 / 22.2 x 14 x 11.6
	Net weight (kg / lbs)	6.5 / 14.3	10 / 22	18.5 / 40.8
Electrical requirements (230V, 50/60Hz, A)		3	4.3	8.7
Cat. No.		AAH41305K	AAH41315K	AAH41325K
Electrical requirements (120V, 60Hz, A)		5.8	8.3	8.3
Cat. No.		AAH41306U	AAH41316U	AAH41326U

- ※ The lowest temperature that can be controlled depends on changes in room temperature and sample temperature. Therefore, please contact the distributor of our products before purchasing for technical consultation.
- ※ Technical data (according to DIN 12876)
- ※ Bath fluid : Water

**Accessories** Page 53 Cover, Spring Wire Rack, Half Shelf Adjuster, Test Tube Rack